

Converting Colors

YUV(43.9410, -17.2259,
18.4687)

Have a look what the booklet for
YUV(43.9410, -17.2259, 18.4687)
contains.

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Color

**YUV(43.9410, -17.2259,
18.4687)**

Conversions

Conversions Part 1

Format	Color
Hex	412809
RGB	65, 40, 9
RGB Percent	25%, 16%, 4%
CMY	0.7451, 0.8431, 0.9647
CMYK	0.00, 0.38, 0.86, 0.75
HSL	33°, 76%, 15%
HSV	33°, 86%, 25%
XYZ	2.9881, 2.6611, 0.6146
YIQ	43.9410, 24.8510, -4.3410

Conversions

Conversions Part 2

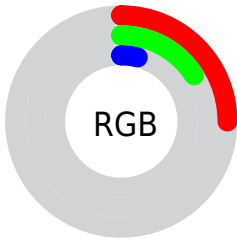
Format	Color
RYB	54, 65, 9
Decimal	4270089
CIELab	18.63, 8.53, 23.33
CIELCh	19, 24.843, 69.922
Yxy	2.6611, 0.4770, 0.4248
Android (android.graphics.Color)	4282460169 (0xFF412809)
YUV	43.9410, -17.2259, 18.4687
Hunter-Lab	16.3130, 4.1485, 9.1853

Details

The YUV color **43.9410, -17.2259, 18.4687** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **30.0590, 17.2259, -18.4687**, and the grayscale version is **44.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **90.6210, -18.5472, 22.2574**, and **2.0930, -1.0318, 4.3034** is the 20% darker color. If you saturate the color by 10%, you get **41.3820, -19.4153, 20.7130**, and if you desaturate by 10%, it is **46.3860, -15.4733, 16.3245**.

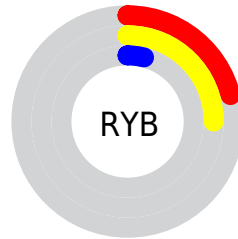
Distribution



Red (25%)

Green (16%)

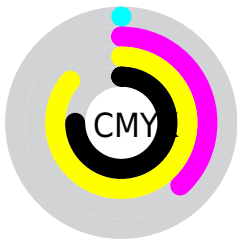
Blue (4%)



Red (21%)

Yellow (25%)

Blue (4%)

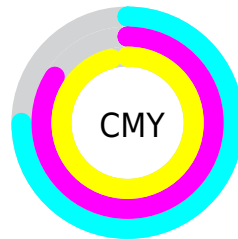


Cyan (0%)

Magenta (38%)

Yellow (86%)

Black (75%)



Cyan (75%)

Magenta (84%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 43.9410, -17.2259, 18.4687 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 43.9410, -17.2259, 18.4687 by changing the saturation by 10% instead.

■ 43.9410, -17.2259,
18.4687

■ 43.9410, -17.2259,
18.4687

■ 252.7200, -8.7360,
1.9996

■ 23.9990, -11.8315,
14.9099

■ 90.6210, -18.5472,
22.2574

■ 2.0930, -1.0318,
4.3034

■ 115.1050,
-19.2788, 23.5869

■ 0.0000, 0.0000,
0.0000


■ 141.2900,
-19.8630, 24.3017


■ 167.7740,
-20.5946, 25.6312


■ 195.2580,
-21.3262, 26.9607


■ 223.4430,


-21.9104, 27.6755


 242.9570,
-18.2198, 10.5617


 43.9410, -17.2259,
18.4687


 43.9410, -17.2259,
18.4687


 41.3820, -19.4153,
20.7130


 46.3860, -15.4733,
16.3245

 40.5670, -19.9995,
21.4277

 48.9450, -13.2839,
14.0802

 51.3900, -11.5313,
11.9360

 53.9490, -9.3419,
9.6917

 56.3940, -7.5892,
7.5475

■ 58.3660, -5.1104,
5.8180

■ 60.8110, -3.3578,
3.6738

■ 63.3700, -1.1684,
1.4295

■ 65.8150, 0.5842,
-0.7148

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



44.4180, -10.5591, 26.8204



43.9410, -17.2259, 18.4687



42.5220, -18.4983, 6.5582

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



43.9410, -17.2259, 18.4687



37.5120, 6.6496, -32.8980



46.7740, 12.9294, 6.3372

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



43.9410, -17.2259, 18.4687



30.0590, 17.2259, -18.4687

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



42.2270, 19.1151, -17.7391



43.9410, -17.2259, 18.4687



38.8630, 14.3645, -34.0829

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



43.9410, -17.2259, 18.4687



34.7590, -1.3602, -30.4836



38.9430, 19.7481, -34.1530



46.3370, 5.7499, 22.5065

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



43.9410, -17.2259, 18.4687



41.6670, -15.1188, -4.0930



38.9430, 19.7481, -34.1530



46.5990, 14.9877, -0.5253

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



43.9410, -17.2259, 18.4687



75.6220, -6.7156, 7.3475



28.5940, 2.6652, 31.9281



37.9960, -3.9420, 4.3885



171.0000, 0.0000, 0.0000



43.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



43.9410, -17.2259, 18.4687



52.7050, -25.9836, 27.4457



57.7190, -24.0185, 3.7544



32.0710, -1.0210, 0.8147



60.7010, -29.9256, 31.8342



139.7640, -68.9037, 73.8750

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



30.0590, 17.2259, -18.4687



31.8820, 25.6942, -27.9605



16.2810, 24.0185, -3.7544



30.9290, 1.0210, -0.8147



36.2990, 29.9256, -31.8342



84.2360, 68.9037, -73.8750

Previews

White Background



This preview shows how the YUV color 43.9410, -17.2259, 18.4687 looks on a white background.

Color Contrast Check

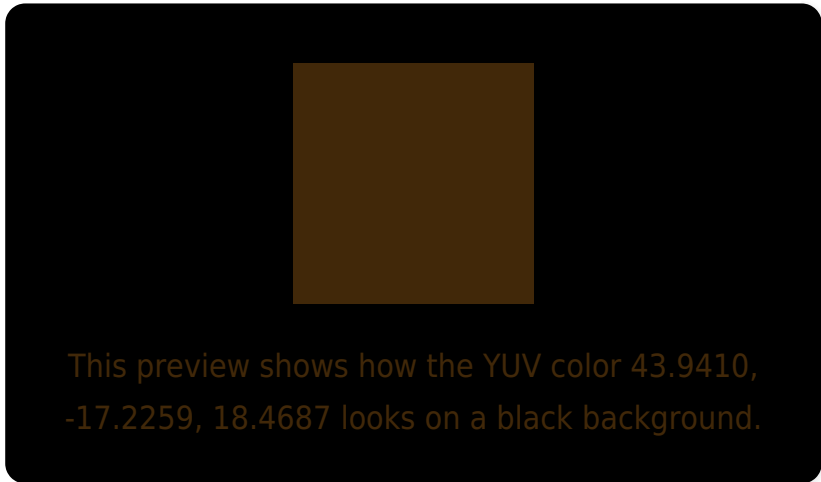
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

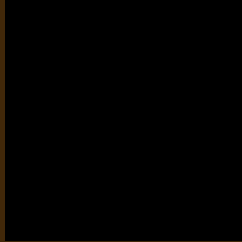
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 43.9410, -17.2259, 18.4687

Background



This preview shows how black text looks on a background with the YUV color 43.9410, -17.2259, 18.4687.

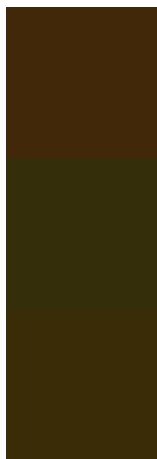


This preview shows how white text looks on a background with the YUV color 43.9410, -17.2259,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

43.9410, -17.2259, 18.4687

Protanopia

43.8040, -16.1724, 7.1879

Deuteranopia

43.9680, -18.2252, 12.3061



Tritanopia

46.0130, -2.9644, 17.5286

Trichromacy



Original Color

43.9410, -17.2259, 18.4687

Protanomaly

44.0110, -16.7674, 11.3914

Deuteranomaly

44.3920, -17.9413, 14.5652

Tritanomaly

45.3460, -8.0586, 18.1136

Monochromacy



Original Color

43.9410, -17.2259, 18.4687

Achromatopsia

44.0000, 0.0000, 0.0000

Achromatomaly

44.3230, -6.5682, 6.7327

CSS Examples

Text

The CSS property to change the color of the text to YUV 43.9410, -17.2259, 18.4687 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(65, 40, 9)` looks like.

```
.text, #text, p{  
    color:rgb(65, 40, 9)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(65, 40, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 40, 9) }
```

Border

The CSS property to change the border of an element to YUV 43.9410, -17.2259, 18.4687 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(65, 40, 9) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(65, 40, 9) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(65, 40, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 40, 9); -webkit-box-shadow:4px  
4px 4px 4px rgb(65, 40, 9); box-shadow:4px  
4px 4px 4px rgb(65, 40, 9) }
```

Background

The CSS property to change the background color of an element to YUV 43.9410, -17.2259, 18.4687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 40, 9) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(65, 40,  
9) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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